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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL APPROVAL OF TEMPORARY MONITORING WELL  
INSTALLATION (COOKE TO STEWART) CNC CHARLESTON SC

02/03/2009

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



February 3, 2009

C. Earl Hunter, Commissioner

*Promoting and protecting the health of the public and the environment.*

Kathryn A. Stewart, P.E.  
BRAC Environmental Coordinator  
BRAC Program Management Office SE  
4130 Faber Place Drive  
Suite 202  
North Charleston, SC 29405

Re: Building NS-2  
Site ID #17595  
Monitoring Well Permit Request received February 3, 2009  
Charleston County

Dear Ms. Stewart:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced temporary monitoring well approval request submitted by CH2MHill. The original temporary monitoring well approval has been sent to CH2MHill and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention within thirty days (30) of receipt from the laboratory or on or before March 28, 2009. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).

If you have any questions, please contact me at (803) 896-4179.

Sincerely,

Jan T. Cooke, Hydrogeologist  
AST Petroleum Restoration & Site Environmental  
Investigations Section  
Land Revitalization Division  
Bureau of Land and Waste Management

enc: Monitor well approval

cc: Region 7  
Darryl Gates; CH2Mhill (via pdf)



C. Earl Hunter, Commissioner

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## Temporary Monitoring Well Approval

Approval is hereby granted to: CH2MHill  
(on behalf of): Charleston Naval Complex  
Facility: Building NS-3  
Site Identification: 00961  
County: Charleston

This approval is for the installation of 1 temporary groundwater-monitoring well. The temporary wells are to be installed in the locations as illustrated on Figure # 1 and per the proposed construction details provided by Geological Resources in correspondence dated February 3, 2009. The temporary wells are to be installed following all of the applicable requirements of R.61-71.

**Please note that R.61-71 requires the following:**

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. If any of the information provided to the Department changes, Jan T. Cooke, 803-898-4248 shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

**Date of Issuance: February 3, 2009**

**Approval #: 3531**

Jan T. Cooke, Hydrogeologist  
AST Petroleum Restoration & Site Environmental Investigations Section  
Land Revitalization Division  
Bureau of Land and Waste Management